

## FIGURE 1

# The Hairpin Ribozyme

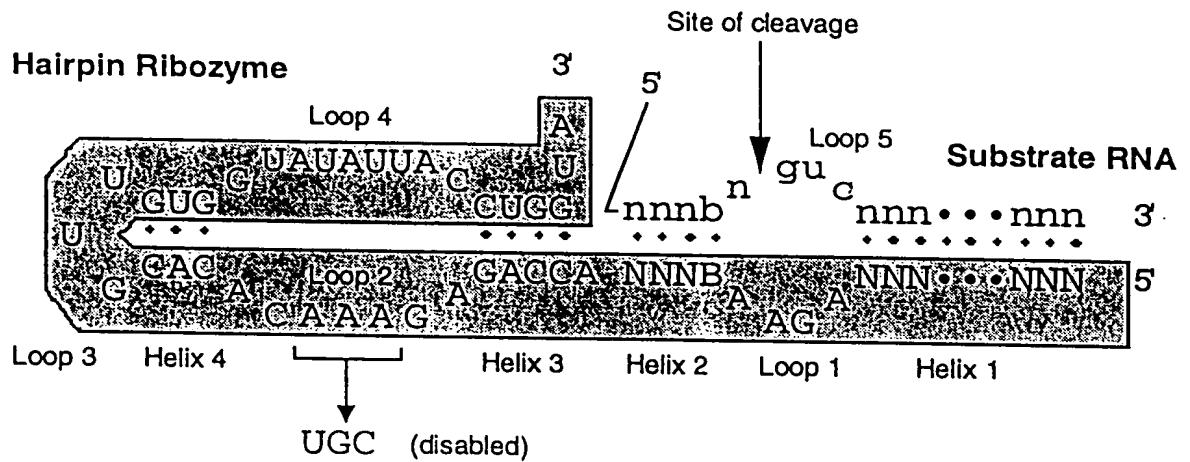
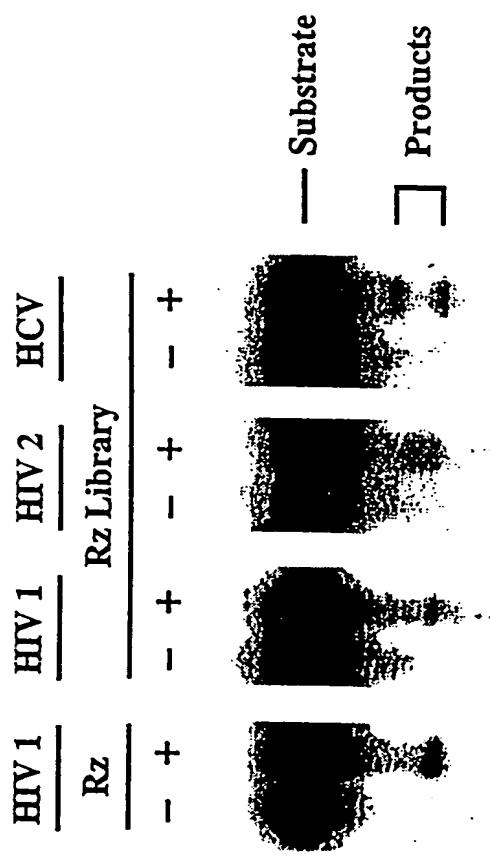
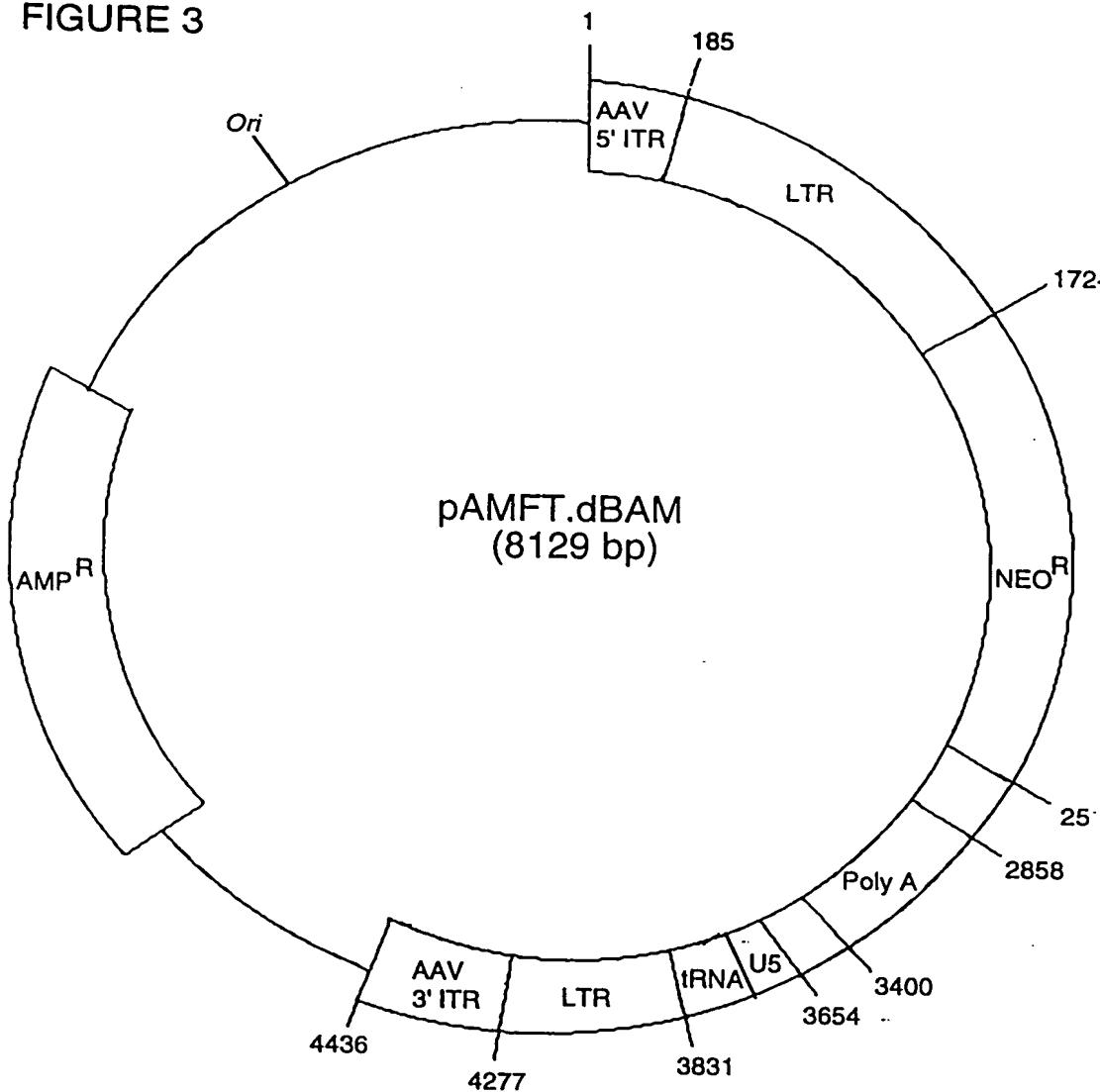


FIGURE 2

Cleavage of target substrates by hairpin Rz library



**FIGURE 3**



**FIGURE 4 Generation of rAAV-RZ-lib provector by PCR**

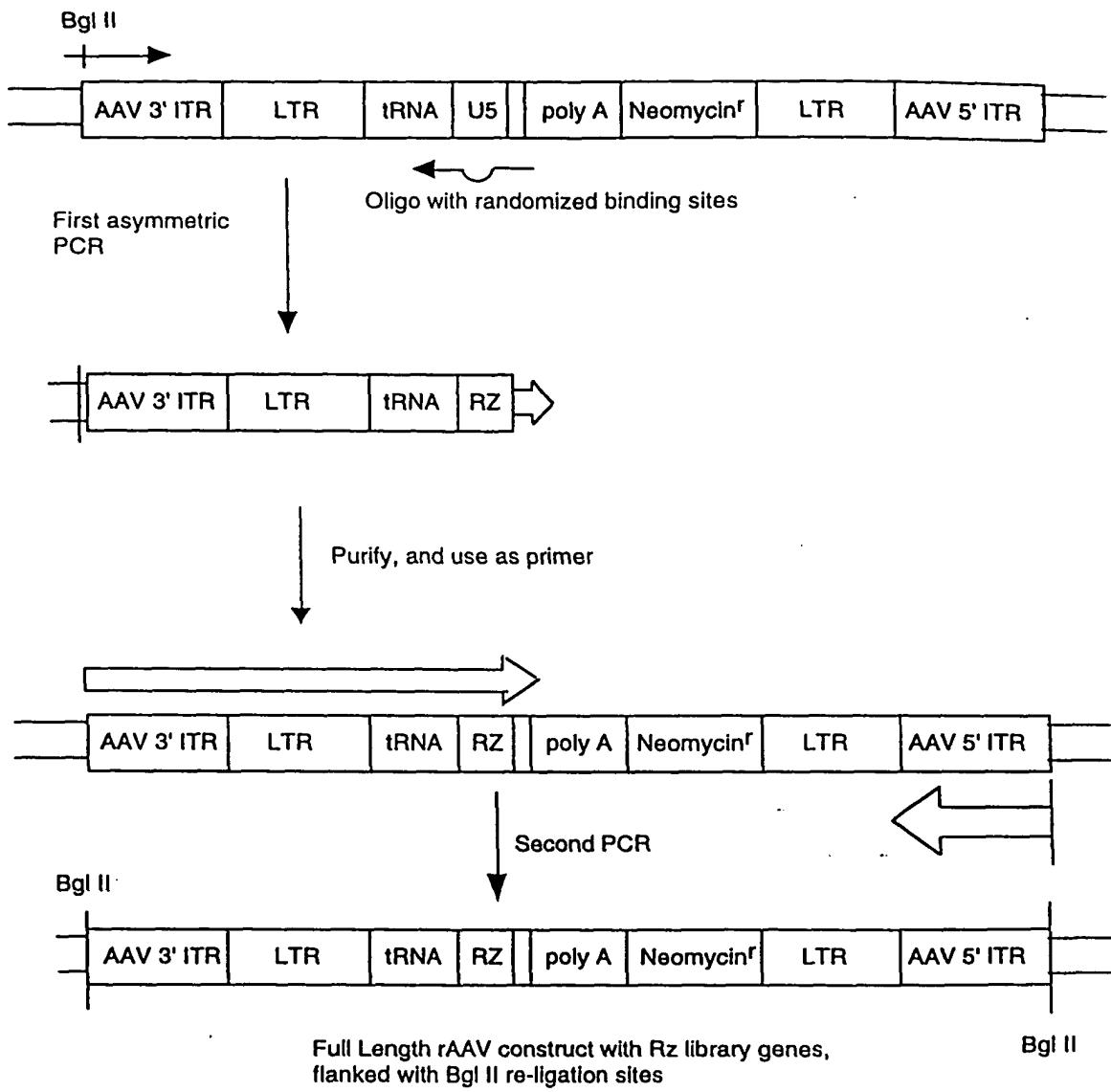
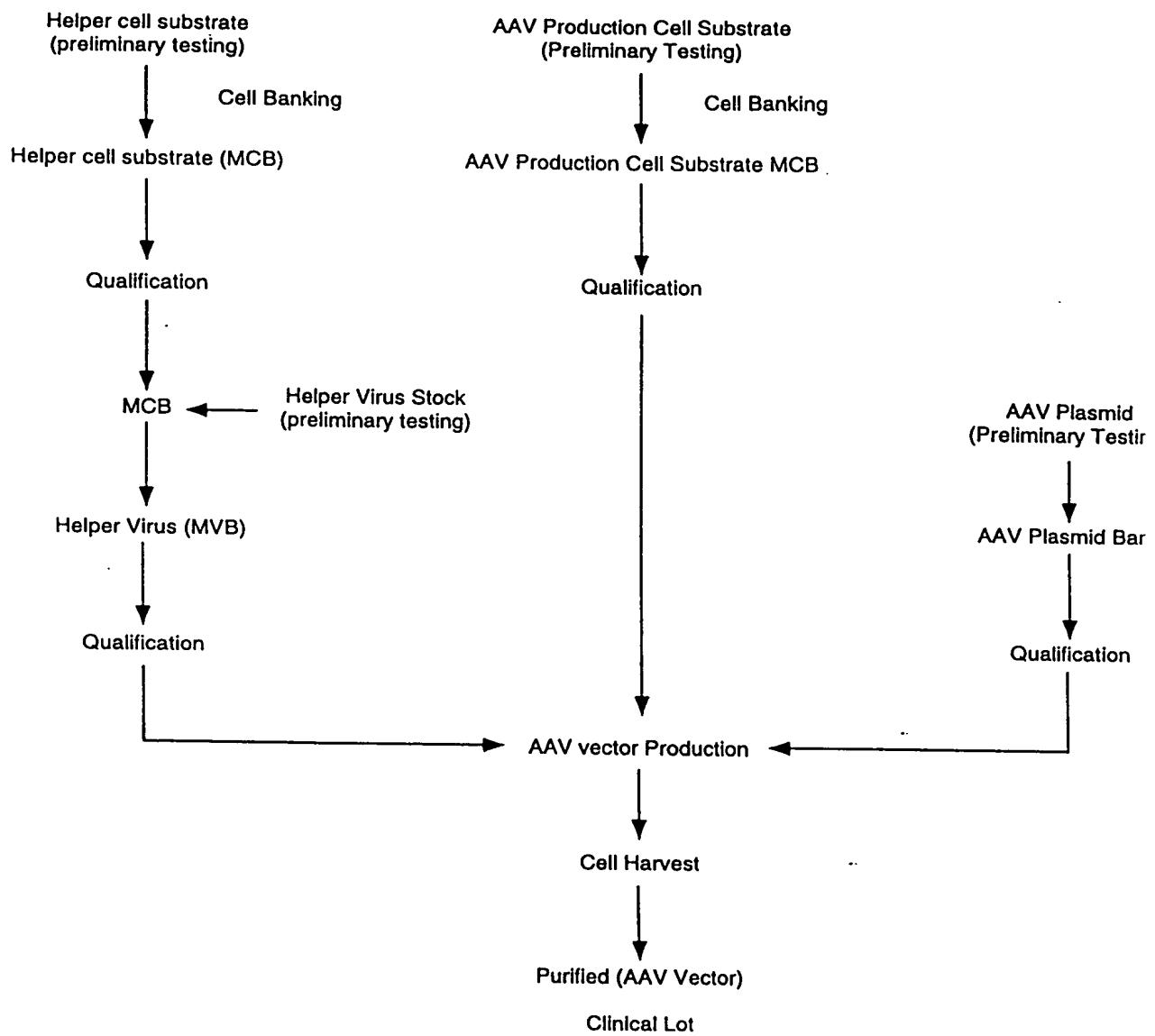
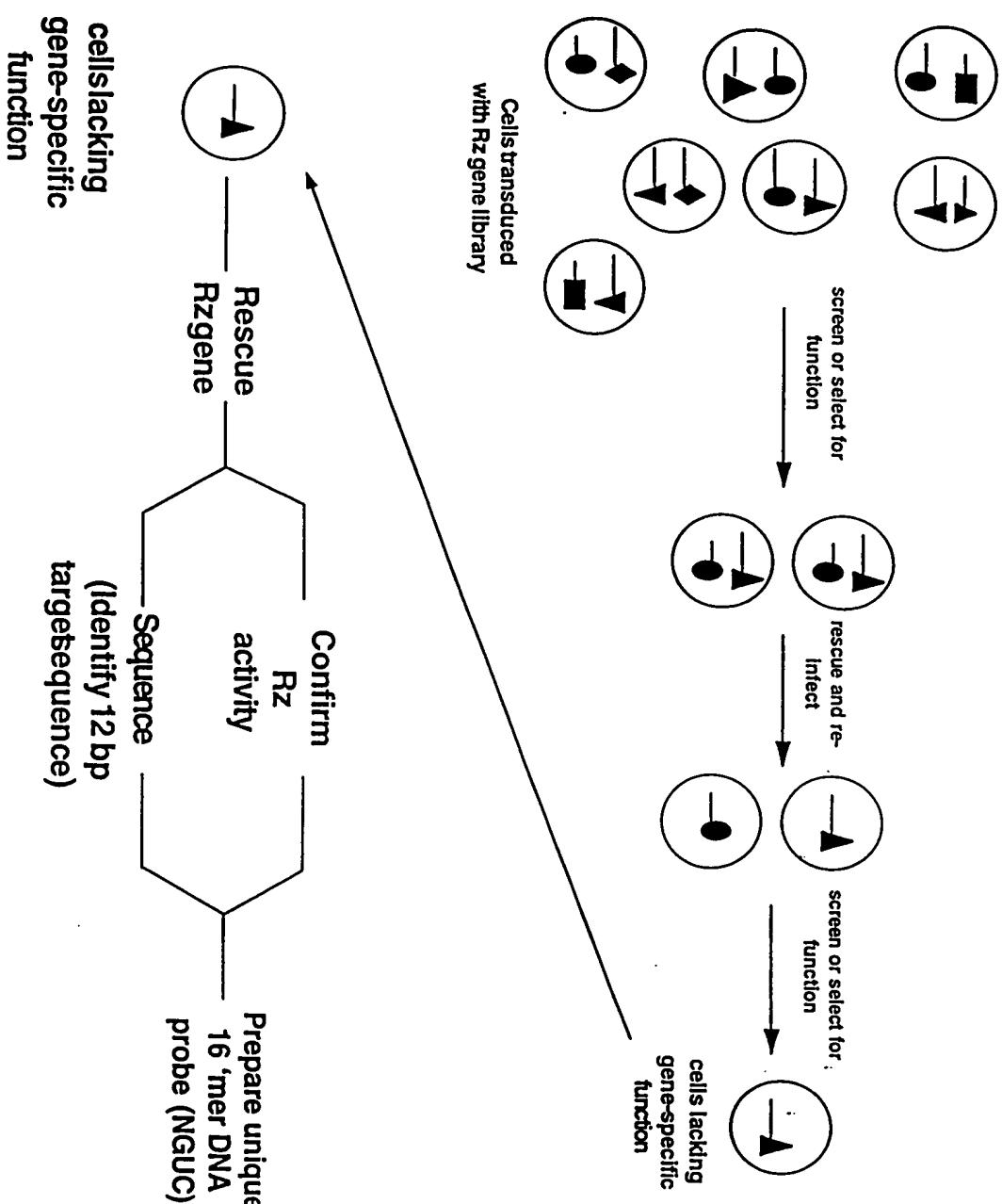


FIGURE 5

PRODUCTION SCHEME FOR  
ADENO-ASSOCIATED VIRAL VECTOR



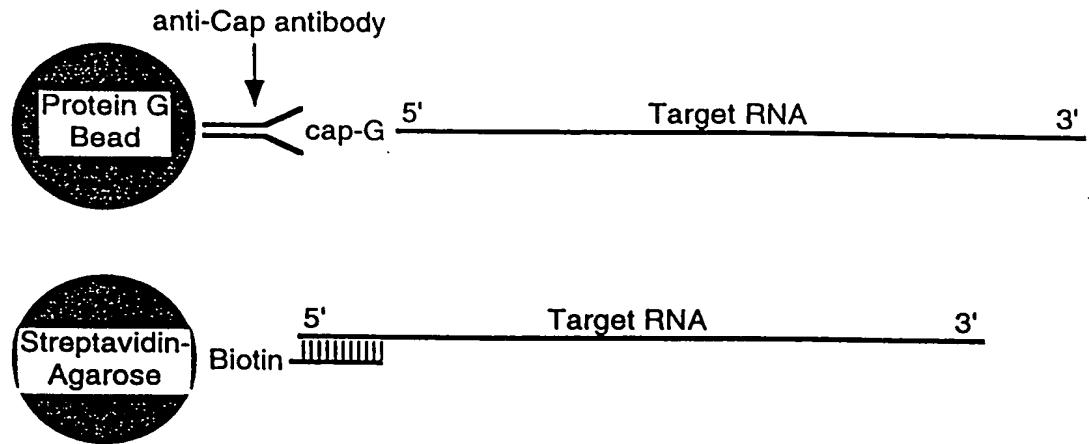
**FIGURE 6** Concept of cloning genes using AAV-Rz library



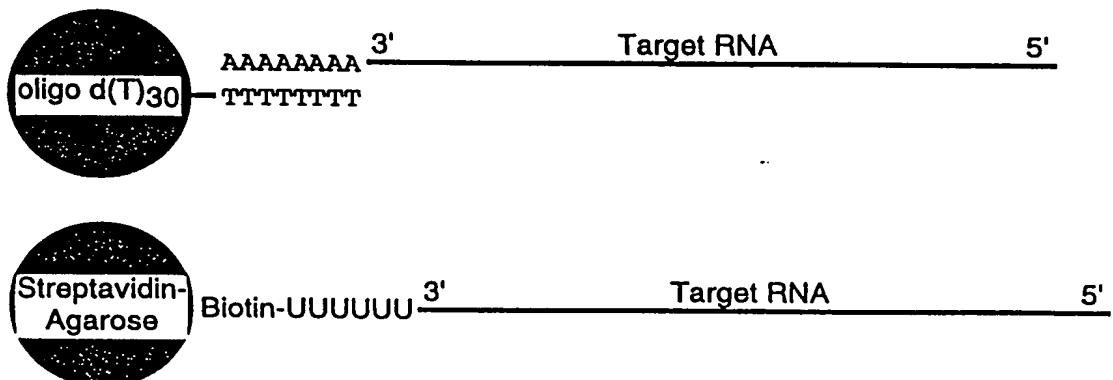
**FIGURE 7**

Attaching RNA target to solid support

Binding target RNA at 5' end:



Binding target RNA at 3' end:



**FIGURE 8** In vitro selection of optimal ribozymes

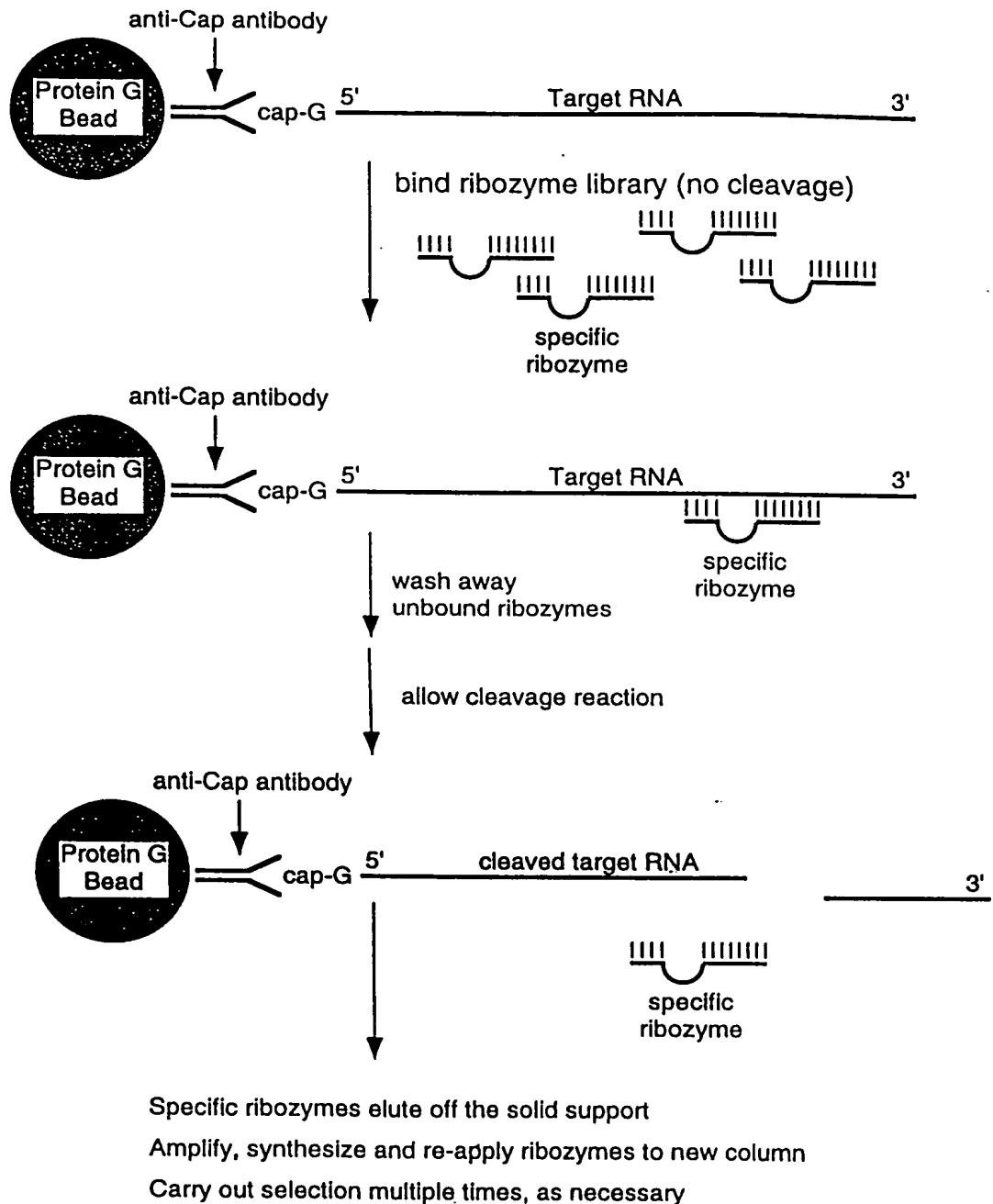
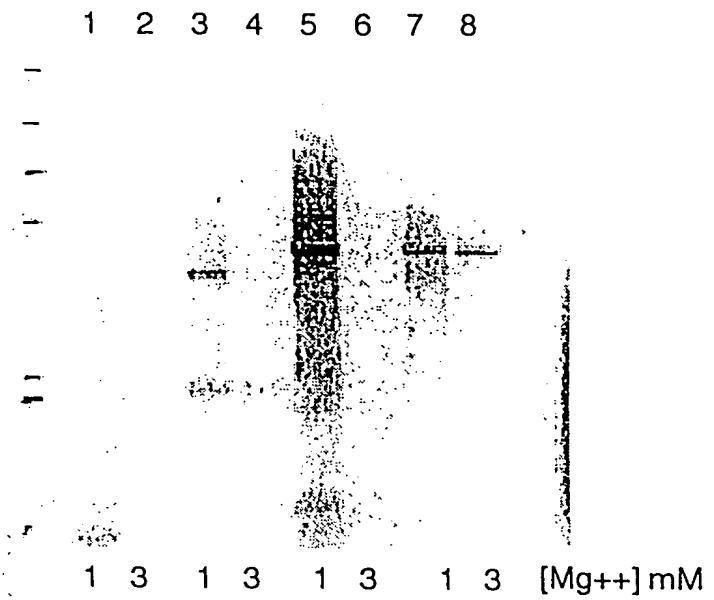


FIGURE 9 AAV stable integration



**FIGURE 10 Trans Cleavage and Ligation**

